

STOL CH 701 Revisions: Updates included in the 5th edition 2nd printing Sept 29, 2003
List of correction found in the 5^h edition 1^h printing (7-G-0 drawing list DATE: April 30, 2003)

AIRFRAME

- 7-G-0** current drawing list Sept 29, 2003
- 7-G-1** **09/03** THREE VIEW
1) Wing Chord, change 4'9" (1.5M) to 4'9" (1.45M) 09/03
2) 5TH EDITION 2nd revision 09/2003
- 7-G-2** **09/03** PART NUMBER EXAMPLE, L ANGLES & Z ANGLES
1) Added 7F5-8M (09/03)
- 7-G-3** **04/03** GENERAL SPECIFICATIONS
- 7-V-0** **03/03** WING EXPLODED VIEW
- 7-V-1** **08/03** WING RIBS
1) Bottom right diagram: change ¼" OD Connecting tube to ¼" OD poly tube, P/N F487-4
- 7-V-2** **05/03** WING SPAR WEB
1) Right middle diagram in box: mirror image to make FRWD arrow points in the same direction as in bottom right diagram (05/03)
- 7-V-3** **05/03** WING SPAR TIP
1) middle diagram: cross section, mirror image diagram, also bottom right diagram, to make FRRD point to the left of page. 05/03
- 7-V-4** **09/03** WING ROOT RIBS AND WING PARTS
1) 7V4-2, Add a grommet through last tooling hole for fuel line, see 7-F-15 (09/03)
2) 7V4-6 last rivet, moved up, not in line with other rivets (09/03)
3) 7V4-7, Clarification, radius 17mm (two places) (09/03)
- 7-V-5** **09/03** WING DETAILS
1) Detail section A-A, at rib 1 and #4, the Flaperon Arm 7V4-7 is positioned on the inboard side of the Flaperon Bracket 7F4-7, 1201mm measured between Flaperon Arms (05/03)
2) Bottom middle diagram: left middle rivet, re-drew position of rivet, rivet line along inboard edge of 7V4-4 is at 45 degrees (09/03)
- 7-V-6** **05/03** WING SKELETON AND DETAILS
1) Top left, delete text "7V3-2SP", delete lines at root end of spar. Added web line to nose and rear ribs. (05/03)
- 7-V-7** **10/02** WING SKINS
- 7-V-8** **04/03** WING RIVETING AND DETAILS
- 7-V-9** **02/03** WING TIP AND WING ROOT
- 7-V-10** **03/03** WING STRUTS, JURY STRUTS & STRUT INSTALLATION
- 7-V-11** **09/03** 10 GALLON WING TANKS
1) bottom right diagram: 4 rivets A4 in Channel 7V11-4K, delete "A4 pitch 40" (09/03)

2) top right diagram: part number correction: change OUTLET E-400-00 to E-400-000 (09/03)

- 7-S-0** **03/03** SLATS: EXPLODED VIEW (LEFT SIDE)
- 7-A-1** **10/02** FLAPERON RIBS, SPAR, HINGE BRACKETS
- 7-A-2** **12/01** FLAPERONS
- 7-S-1** **01/03** SLATS RIBS / SKINS
- 7-S-2** **01/03** SLATS TIPS

- 7-H-0** **09/03** HORIZONTAL TAIL: EXPLODED VIEW
 - 1) Top middle diagram: 7H1-6 left rib flange point outboard (09/03)
- 7-H-1** **09/03** HORIZONTAL TAIL RIBS + OPTION ELECT. ELEV. TRIM TAB
 - 1) 7H1-4, change size of tooling hole from 1/8" to 1/4" (09/03)
- 7-H-2** **11/02** HORIZONTAL TAIL BENT PARTS
- 7-H-3** **09/03** HORIZONTAL TAIL HINGES AND ATTACHMENT DETAILS
 - 1) Top and left diagram: replace "0" by "+" for the rivets
- 7-H-4** **09/03** HORIZONTAL TAIL SKELETON, SKINS AND RIVETRING DETAILS
 - 1) left bottom diagram: Top side of elevator skin =450, bottom 465mm measured from tailing edge to leading edge (09/03)
- 7-H-5** **12/02** ELEVATOR HORNS & STABILIZER CENTER HINGE BRACKET

- 7-R-0** **11/02** 701 RUDDER ASSEMBLY
- 7-R-1** **10/02** VERTICAL TAIL RIBS
- 7-R-2** **05/03** RUDDER PARTS AND SKELETON
 - 1) 7R2-3 & 7R2-4 standardize notations, replace "o" with "+" (05/03)
- 7-R-3** **03/03** RUDDER SKIN AND HINGE DETAILS

- 7-F-00** **09/03** EXPLODED VIEW: REAR FUSELAGE
 - 1) top right diagram: part number correction, change 7F5-8 to 7F5-8B (09/03)
- 7-F-0** **03/03** EXPLODED VIEW: FRONT FUSELAGE
- 7-F-1** **09/03** FUSELAGE FORMERS
 - 1) 7F1-1 added: 26 gauge (firewall material) (09/03)
- 7-F-2** **09/03** REAR FUSELAGE SKINS
 - 1) bottom diagram: change 660 to 675mm length of Z angle 09/03)
- 7-F-3** **05/03** REAR LONGERONS STIFFENERS
 - 1) 7F3-4 standardize notations, replace "o" with "+" (05/03)
- 7-F-4** **04/03** REAR FUSELAGE DETAILS

- 7-F-5 09/03 REAR LONGERONS PARTS**
 1) change 7F5-8 to 7F5-8M. Added the suffix B to indicate that the baggage back for the extended baggage back is different than the part shown in the 3rd edition. (09/03)
- 7-F-6 09/03 REAR LONGERONS GENERAL**
 1) top diagram, change part number 7F5-8 to 7F5-8B (09/03)
 2) second diagram from top: Add horizontal distance between rivet lines through Z angles on bottom skin 563mm. Add title to diagram: "Top view of bottom skin 7F2-3" (09/03)
- 7-F-7 09/03 FIREWALL DETAILS**
 1) Bottom diagrams: re-draw aft edge of upper bearing 7F7-4C, aft edge is in front of rivet line (09/03)
- 7-F-8 09/03 FORWARD FUSELAGE PARTS**
 1) 7F8-6 change 55 to 57mm (05/03)
 2) Bottom right diagram, rivets through corner L angle at top of seat back, two rows of A4 pitch 40 one in each flange of L angle. Added P through the front flange of the L angle and the front flange of the floor 7F5-7 & 7F6-4 (09/03)
 3) Bottom right diagrams, change part number 7F5-8 to 7F5-8M , two places. (09/03)
 4) Right middle diagram: added 7F11-6 to overlap the bottom portion of Seat Back 7F6-4 (09/03)
 5) Second diagram up from bottom right corner (top view) : added P (A4 pitch 40) along left and right aft side of baggage back 7F5-8B into vertical L angles on fuselage side skin. (09/03)
- 7-F-9 09/03 CABIN SIDES ASSEMBLY**
 1) Bottom diagram: change 20mm overlap to 18mm overlap (Ref 7F8-7, 7-F-10 middle diagram) (09/03)
- 7-F-10 09/03 FORWARD FUSELAGE PARTS**
 1) 7F10-3 trim the front and aft edge even with the edge of the floor skin (1230 is approximately 3mm too long) (09/03)
- 7-F-11 04/03 SEAT FRONT**
- 7-F-12 09/03 FUSELAGE DETAIL**
 1) Bottom left diagram: Added 4 rivets A4 in Seat Back 7F6-4 to 7F5-2SP (portion of seat back above extrusion 7F11-6) (09/03)
- 7-F-13 09/03 FUSELAGE DETAILS**
 1) Removed preposition "the" from text. (09/03)
- 7-F-14 09/03 FRONT SIDE & TOP SKIN**
 1)middle diagram section B-B, part number correction: change 7F14-5SP and 7F14-6SP to 7F14-5R and 7F14-6R 9 (shown correction on 7-G-2) (09/03)
- 7-F-15 04/03 JOINING THE FUSELAGE SECTIONS**
- 7-F-16 04/03 SEAT BOTTOM**
- 7-F-17 08/02 LANDING GEAR / WING STRUT FITTINGS**

- 7-F-18 09/03 CABIN FRAME**
 1) right middle diagram: change Line A-B to reference line A-E (09/03)
- 7-F-19 04/03 FORM WINDSHIELD / HINGED UP DOORS**
7-L-0 04/02 LANDING GEAR / NOSE GEAR
7-L-1 03/03 NOSE GEAR ASSEMBLY AND STEERING
7-L-2 02/03 MAIN GEAR SPRING AND WHEEL FORK
- 7-C-0 09/03 CONTROL ASSEMBLY**
 1) Bottom diagram: added 7C5-1 fairlead to upper elevator cable. (09/03)
- 7-C-1 03/03 CONTROL SYSTEM PARTS**
- 7-C-2 04/02 PITCH AND AILERON CONTROLS**
- 7-C-3 03/03 FLAPERON CONTROL**
- 7-C-4 03/03 RUDDER AND TOE BRAKE PEDALS**
- 7-C-5 05/03 FAILEADS & STOPS**
 1) Top middle diagram 7F3-4 change "0" with "+" 9 rivets A5 (05/03)
- 7-C-6 06/02 RUDDER CABLES PULLEY**

ENGINE

- 7-E-1 03/03 ROTAX 912 & 912S ENGINE MOUNT**
- 7-E-2 02/03 ROTAX 912 & 912S DYNAFOCAL ENGINE MOUNT BRACKETS**
- 7-E-3 04/03 ROTAX OIL TANK BRACKETS**
- 7-E-4 04/03 PITOT TUBE ASSEMBLY & GASCOLATOR / SHUT-OFF VALVE**
- 7-E-5 04/03 DUAL THROTTLE / CHOKE**

OPTIONS

- 7-ETO-1 04/03 ELECTRIC TRIM TAB OPTION**
7-NS0-1 04/03 NAV/STROBE LIGHT OPTION
7-WTA-1 10/02 WING TANK ACCESS COVER
7-WTO-1 04/03 AUXILIARY WING TANK
7-WTO-2 04/03 AUXILIARY FUEL SYSTEM

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